

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
30 October 2003 (30.10.2003)

PCT

(10) International Publication Number
WO 03/089734 A1

(51) International Patent Classification⁷: E04F 13/12

(21) International Application Number: PCT/KR03/00725

(22) International Filing Date: 11 April 2003 (11.04.2003)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:
1020020020265 13 April 2002 (13.04.2002) KR
2020020039334 31 December 2002 (31.12.2002) KR

(71) Applicant and

(72) Inventor: KIM, Young Mi [KR/KR]; 408-701, Hyundai Apartment, Seohyun-Dong Bundang-Gu, Gyeonggi-do, Seongnam-si 463-050 (KR).

(74) Agent: CHO, Kwang-Kook; Room 205, Gunyoung Bldg., 834-1, Yeoksam-dong, Kangman-gu, Seoul, 135-080 (KR).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

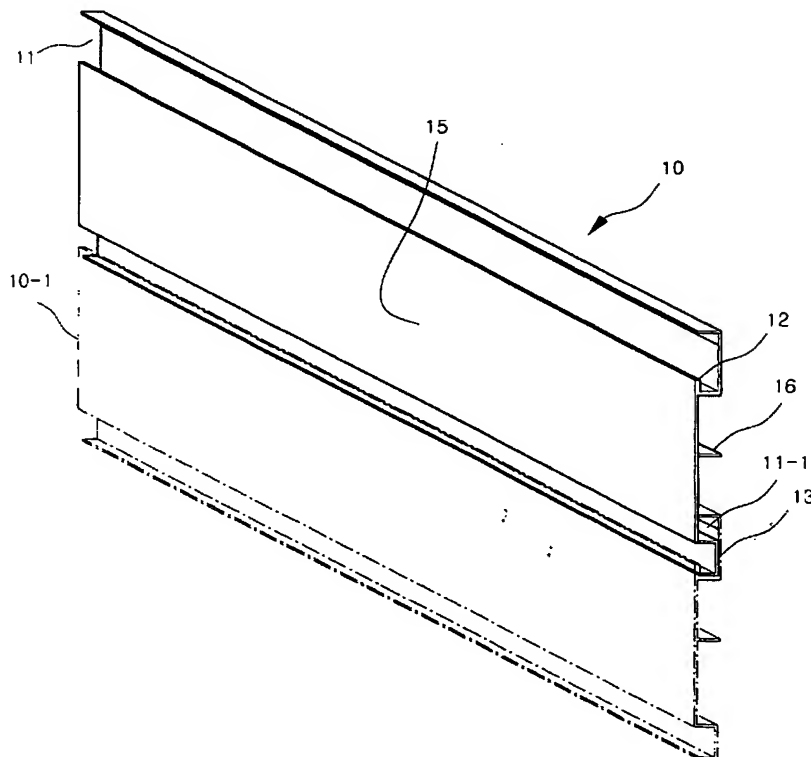
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) Title: STRUCTURE FOR CONNECTING PREFABRICATED PANEL USE OF ARCHITECTURE



(57) Abstract: A structure for easily connecting prefabricated panels, which are attached to outer and inner walls of buildings, is disclosed. The structure includes inner prefabricated panels (10), each of which has a recess (11) and a rib (12) at its upper end and has an inner rib (13) bent downward to be engaged in a recess of a lower adjacent panel; corner finishing members (20) provided at a corner between adjacent panels, and each of which has opposite wing portions (21); inner ribs (22) protruded inwardly and having claw portions (23) respectively; outer prefabricating panels (10-2) attached onto the inner prefabricated panels (10); connecting members interposed between the adjacent outer panels (10-2) to attach the outer panel (10-2) to the inner panel (10); side finishing members (40) provided at sides of the inner panels (10), upper finishing members (40) provided at uppermost inner panel; and lower finishing member (60) provided at lowermost inner panel.

WO 03/089734 A1